LABDEX

Portable pH/ORP Meter LX101PPO

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Description

Portable pH/ORP meter LX101PPO is a microprocessor-based meter that measures hydrogen-ion activity in water-based solutions. Automatic or manual temperature compensation provides high-accuracy results. Provision for 1-3 point automated push button calibration. Meter factory reset function to reset factory default settings and data logs for convenient operation.

Specifications

pH range	0 ~ 14 pH
pH resolution	0.01 pH
Electrode	Plastic 3-in-1 pH/ATC (LX6005)
Calibration point	1-3 points
Electrode liquid junction	Teflon
pH accuracy	± 0.01 pH
ORP range/RmV	± 1999 mV/RmV
ORP resolution	1 mV
ORP accuracy	± 2 mV
Temperature range	0 ~ 99.9 °C
Temperature resolution	0.1 °C
Temperature accuracy	± 0.5 °C
Temperature compensation	0-99.9°C manual/auto
Ambient temperature	5 °C ~ 45 °C

Input connector type	BNC
Input connector diameter	3.5 mm
Output	USB
Power	100 V ~ 240 V DC 9 V 500 mA
pH buffer Set	USA, NIST, DIN, Manual
Memory	500 sets

Features

- Electrode slope display for easy judgment of electrode performance
- Automatic calibration of RmV function
- Auto-sleep function
- Segmented display for pH, mV and temperature
- Electrode slope display for user interpretation
- Self-diagnostic trouble shoot
- Low battery indicator
- USB communication interface via data transfer (output)
- Stability and average function for optimized results

Applications

- Used for basic laboratory analysis, soil and water quality test, oxidation-reduction potential (ORP) measurement, blood chemistry, etc.

Electrode Specifications

Electrode	Plastic pH (LX6005)
pH range	0 ~ 14 pH
Temperature range	5 °C ~ 60 °C
Dimensions	12 mm x 160 mm
Liquid junction	Ceramic
Reference junction	Single / Sealed
Internal reference type	Ag/AgCl

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